

AMENDMENTS TO THE CLAIMS

1. (Currently amended) An optical multilayer film comprising a hard coat layer and a low refractive index layer comprising aerogel~~a transparent porous body having bubbles dispersed in a matrix composed of a hydrolyzable organic silicon compound or a hydrolyzed product thereof, which layers~~wherein the hard coat layer and the low refractive index layer are laminated, in this order, directly or with another intervening layer on one surface of a base film comprising a transparent resin, wherein the refractive index n_H of the hard coat layer and the refractive index n_L of the low refractive index layer satisfy the following three formulae [1],[2]and [3],

Formula [1]: $1.25 \leq n_L \leq 1.37$

Formula [2]: $n_H \geq 1.53$

Formula [3]: $(n_H)^{1/2} - 0.2 < n_L < (n_H)^{1/2} + 0.2$.

2. (Previously presented) The optical multilayer film according to claim 1, wherein the refractive index n_H of the hard coat layer and the refractive index n_L of the low refractive index layer satisfy the following three formulae [4], [5] and [6],

Formula [4]: $1.25 \leq n_L \leq 1.35$

Formula [5]: $n_H \geq 1.55$

Formula [6]: $(n_H)^{1/2} - 0.15 < n_L < (n_H)^{1/2} + 0.15$.

3. (Previously presented) The optical multilayer film according to claim 1, which has a reflectivity of not larger than 0.7% at a wavelength of 550 nm and a reflectivity of not larger than 1.5% at a wavelength in the range of 430 nm to 700 nm.

4. (Previously presented) The optical multilayer film according to claim 1, wherein the base film has a die line with a depth or height of not larger than 0.1 μm .

5. (Previously presented) The optical multilayer film according to claim 1, wherein the transparent resin is selected from the group consisting of a polymer resin having an alicyclic structure, a cellulose resin and a polyester resin.

6. (Previously presented) The optical multilayer film according to claim 1, wherein the transparent resin is a polymer resin having an alicyclic structure.

7. (Previously presented) The optical multilayer film according to claim 1, which is an antireflection protective film provided in an optical member.

8. (Original) The optical multilayer film according to claim 7, which is a polarizing plate-protecting film.

9. (Original) A polarizing plate having an antireflection function comprising the polarizing plate-protecting film as claimed in claim 8, which further has a polarizing film laminated on the surface of the polarizing plate-protecting film, opposite to the surface on which the low refractive index layer is formed.

10. (Original) An optical product provided with the polarizing plate having an antireflection function as claimed in claim 9.